

## Message Text

UNCLASSIFIED

PAGE 01 STATE 181945  
ORIGIN OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 NAS-01 L-03 CIAE-00  
INR-07 NSAE-00 NASA-02 ACDA-10 /045 R

DRAFTED BY OES/APT/SEP:ASHELDON:DBU  
APPROVED BY OES/APT/SEP:RGMORRIS  
NSF/PHY:MBARDON  
NSF/INT:AEPARDEE(INFO)  
EUR/SOV:RWINDSOR  
NAS:LMITCHELL (INFO)  
-----078800 040959Z /13

R 031610Z AUG 77  
FM SECSTATE WASHDC  
TO AMEMBASSY MOSCOW

UNCLAS STATE 181945

E.O. 11652: N/A

TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: PHYSICS (01.08)  
-- -PHYSICS (01.08)  
REF: STATE 164540

1. PLEASE TRANSMIT FOLLOWING MORRIS LETTER TO ISHCHENKO,  
WITH COPY TO ANISIMOV.

2. 01.08 - AUGUST 2, 1977

MR. V. Y. ISHCHENKO  
USA SECTION  
STATE COMMITTEE ON  
SCIENCE AND TECHNOLOGY  
MOSCOW

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 181945

DEAR MR. ISHCHENKO:

I AM PLEASED TO LEARN OF THE HIGHLY SUCCESSFUL MEETING  
IN PROGRESS AT ASPEN OF THE JOINT US-USSR RESEARCH GROUP IN  
CONDENSED MATTER PHYSICS. WITH THIS PRODUCTIVE FOUNDATION,  
I LOOK FORWARD TO THE PLANNING OF FUTURE JOINT RESEARCH  
PROJECTS COVERING PROBLEMS OF PRACTICAL IMPORTANCE OR

FUNDAMENTAL INTEREST IN WHICH SOVIET AND AMERICAN SCIENTISTS  
PLAY A LEADING ROLE.

IN A LETTER TO S. I. ANISIMOV DATED JULY 8, MARCEL BARDON  
PROPOSED THAT A MEETING OF THE JOINT WORKING GROUP TAKE  
PLACE IN MOSCOW ON AUGUST 22 TO PLAN ACTIVITIES FOR THE  
COMING YEAR. DRS. DAVID PINES AND JAMES BJORKEN WILL  
REPRESENT THE US SIDE OF THE WORKING GROUP. A NUMBER OF  
TOPICS APPEAR APPROPRIATE FOR INCLUSION IN THE AGENDA FOR  
THIS MEETING:

1. COOPERATIVE WORK IN CONDENSED MATTER PHYSICS ARISING  
OUT OF ASPEN RESEARCH GROUP MEETING. THIS WOULD INCLUDE  
INDIVIDUAL RESEARCH VISITS OF ONE TO THREE WEEKS IN BOTH  
DIRECTIONS TO CONTINUE WORK INITIATED AT ASPEN. IT IS  
FURTHER PROPOSED THAT THE SEVENTH JOINT SYMPOSIUM ON CON-  
DENSED MATTER THEORY BE EXPANDED TO A TWO WEEK MEETING  
AND THAT IT INCLUDE UP TO 25 U.S. PARTICIPANTS. IT IS  
EXPECTED THAT ONE OUTCOME OF THIS SYMPOSIUM WOULD BE A  
JOINT RESEARCH GROUP MEETING TO BE HELD IN THE SOVIET  
UNION IN THE FOLLOWING YEAR.

2. IN ASTROPHYSICS, THE RESEARCH SEMINAR ON COSMIC X-RAY  
SOURCES SCHEDULED TO TAKE PLACE AUGUST 15 TO SEPTEMBER 3,  
1977 CAN BE EXPECTED TO LEAD TO JOINT RESEARCH PROJECTS  
AND FUTURE EXCHANGE VISITS LASTING FOR PERIODS OF ONE TO  
THREE WEEKS.

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 181945

3. IN LASER INTERACTIONS WITH MATTER, THE PLANNING GROUP  
MEETING SCHEDULED FOR SEPTEMBER 1977 WILL DEVELOP MORE  
DETAILED PLANS FOR RESEARCH SEMINAR MEETINGS EITHER IN THE  
U.S. OR THE U.S.S.R.

4. IN GRAVITATIONAL PHYSICS, PROFESSORS KIP S. THORNE OF  
THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND DAVID DOUGLASS  
OF THE UNIVERSITY OF ROCHESTER HAVE PROPOSED THEORETICAL  
AND EXPERIMENTAL COLLABORATIONS ON RESEARCH IN GRAVITA-  
TIONAL-WAVE ASTRONOMY WITH PROFESSOR VLADIMIR B. BRAGINSKY  
OF MOSCOW STATE UNIVERSITY. THIS WOULD INVOLVE MUTUAL  
VISITS, DATA EXCHANGE, AND COLLABORATION ON INSTRUMENTA-  
TION DEVELOPMENT FOR EVENTUAL LONG BASE-LINE COINCIDENCE  
EXPERIMENTS.

5. IN THEORETICAL PARTICLE PHYSICS RESEARCH, DR. BJORKEN  
HAS BEEN APPOINTED CHAIRMAN OF THE U.S. STEERING COMMITTEE.  
HE WILL DISCUSS THE POSSIBILITY OF HOLDING AN EIGHT WEEK  
RESEARCH GROUP MEETING IN THEORETICAL PARTICLE PHYSICS,  
ANALOGOUS TO THAT HELD AT ASPEN. HE WILL SEND FURTHER  
DETAILS SEPARATELY.

IT IS HOPED THAT DRS. PINES AND BJORKEN WILL BE ABLE TO  
MEET IN MOSCOW ON AUGUST 22 WITH DR. ANISIMOV, DIRECTOR

I. M. KHALATNIKOV, ACADEMICIAN MARKOV, AND OTHERS, TO  
DISCUSS THESE AND OTHER POSSIBLE RESEARCH TOPICS OF SIG-  
NIFICANT MUTUAL INTEREST. DR. BJORKEN WOULD PLAN TO  
ARRIVE IN MOSCOW ON AUGUST 20 AND DEPART ON AUGUST 23.  
CONFIRMATION OF THE PROPOSED DATE OF AUGUST 22 IS UR-  
GENTLY REQUESTED.

SINCERELY,

ROBERT G. MORRIS  
UNCLASSIFIED

UNCLASSIFIED

PAGE 04 STATE 181945

ACTING EXECUTIVE SECRETARY

CC: DR. ANISIMOV CHRISTOPHER

UNCLASSIFIED

NNN

UNCLASSIFIED

PAGE 01 STATE 181945  
ORIGIN EUR-12

INFO OCT-01 ISO-00 /013 R

66011

DRATED BY: EUR/SOV: RWINDSOR: EM

APPROVED BY: EUR/XSOV: AKRAUSE

-----018820 130826Z /23

P 120405Z AUG 77

FM SECSTATE WASHDC

TO AMEMBASSY SOFIA PRIORITY

UNCLAS STATE 181945

FOLLOWING REPEAT STATE 181945 ACTION MOSCOW AUG 03.

QUOTE UNCLAS STATE 181945

E.O. 11652: N/A

TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: PHYSICS (01.08)

-- -PHYSICS (01.08)

REF: STATE 164540

1. PLEASE TRANSMIT FOLLOWING MORRIS LETTER TO ISHCENKO,  
WITH COPY TO ANISIMOV.

2. 01.08 - AUGUST 2, 1977

MR. V. Y. ISHCENKO  
USA SECTION  
STATE COMMITTEE ON  
SCIENCE AND TECHNOLOGY  
MOSCOW

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STATE 181945

DEAR MR. ISHCENKO:

I AM PLEASED TO LEARN OF THE HIGHLY SUCCESSFUL MEETING  
IN PROGRESS AT ASPEN OF THE JOINT US-USSR RESEARCH GROUP IN  
CONDENSED MATTER PHYSICS. WITH THIS PRODUCTIVE FOUNDATION,  
I LOOK FORWARD TO THE PLANNING OF FUTURE JOINT RESEARCH  
PROJECTS COVERING PROBLEMS OF PRACTICAL IMPORTANCE OR  
FUNDAMENTAL INTEREST IN WHICH SOVIET AND AMERICAN SCIENTISTS  
PLAY A LEADING ROLE.

IN A LETTER TO S. I. ANISIMOV DATED JULY 8, MARCEL BARDON  
PROPOSED THAT A MEETING OF THE JOINT WORKING GROUP TAKE  
PLACE IN MOSCOW ON AUGUST 22 TO PLAN ACTIVITIES FOR THE  
COMING YEAR. DRS. DAVID PINES AND JAMES BJORKEN WILL  
REPRESENT THE US SIDE OF THE WORKING GROUP. A NUMBER OF  
TOPICS APPEAR APPROPRIATE FOR INCLUSION IN THE AGENDA FOR  
THIS MEETING:

1. COOPERATIVE WORK IN CONDENSED MATTER PHYSICS ARISING  
OUT OF ASPEN RESEARCH GROUP MEETING. THIS WOULD INCLUDE  
INDIVIDUAL RESEARCH VISITS OF ONE TO THREE WEEKS IN BOTH  
DIRECTIONS TO CONTINUE WORK INITIATED AT ASPEN. IT IS  
FURTHER PROPOSED THAT THE SEVENTH JOINT SYMPOSIUM ON CON-  
DENSED MATTER THEORY BE EXPANDED TO A TWO WEEK MEETING  
AND THAT IT INCLUDE UP TO 25 U.S. PARTICIPANTS. IT IS  
EXPECTED THAT ONE OUTCOME OF THIS SYMPOSIUM WOULD BE A  
JOINT RESEARCH GROUP MEETING TO BE HELD IN THE SOVIET  
UNION IN THE FOLLOWING YEAR.

2. IN ASTROPHYSICS, THE RESEARCH SEMINAR ON COSMIC X-RAY  
SOURCES SCHEDULED TO TAKE PLACE AUGUST 15 TO SEPTEMBER 3,

1977 CAN BE EXPECTED TO LEAD TO JOINT RESEARCH PROJECTS  
AND FUTURE EXCHANGE VISITS LASTING FOR PERIODS OF ONE TO  
THREE WEEKS.  
UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 181945

3. IN LASER INTERACTIONS WITH MATTER, THE PLANNING GROUP  
MEETING SCHEDULED FOR SEPTEMBER 1977 WILL DEVELOP MORE  
DETAILED PLANS FOR RESEARCH SEMINAR MEETINGS EITHER IN THE  
U.S. OR THE U.S.S.R.

4. IN GRAVITATIONAL PHYSICS, PROFESSORS KIP S. THORNE OF  
THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND DAVID DOUGLASS  
OF THE UNIVERSITY OF ROCHESTER HAVE PROPOSED THEORETICAL  
AND EXPERIMENTAL COLLABORATIONS ON RESEARCH IN GRAVITA-  
TIONAL-WAVE ASTRONOMY WITH PROFESSOR VLADIMIR B. BRAGINSKY  
OF MOSCOW STATE UNIVERSITY. THIS WOULD INVOLVE MUTUAL  
VISITS, DATA EXCHANGE, AND COLLABORATION ON INSTRUMENTA-  
TION DEVELOPMENT FOR EVENTUAL LONG BASE-LINE COINCIDENCE  
EXPERIMENTS.

5. IN THEORETICAL PARTICLE PHYSICS RESEARCH, DR. BJORKEN  
HAS BEEN APPOINTED CHAIRMAN OF THE U.S. STEERING COMMITTEE.  
HE WILL DISCUSS THE POSSIBILITY OF HOLDING AN EIGHT WEEK  
RESEARCH GROUP MEETING IN THEORETICAL PARTICLE PHYSICS,  
ANALOGOUS TO THAT HELD AT ASPEN. HE WILL SEND FURTHER  
DETAILS SEPARATELY.

IT IS HOPED THAT DRS. PINES AND BJORKEN WILL BE ABLE TO  
MEET IN MOSCOW ON AUGUST 22 WITH DR. ANISIMOV, DIRECTOR

I. M. KHALATNIKOV, ACADEMICIAN MARKOV, AND OTHERS, TO  
DISCUSS THESE AND OTHER POSSIBLE RESEARCH TOPICS OF SIG-  
NIFICANT MUTUAL INTEREST. DR. BJORKEN WOULD PLAN TO  
ARRIVE IN MOSCOW ON AUGUST 20 AND DEPART ON AUGUST 23.  
CONFIRMATION OF THE PROPOSED DATE OF AUGUST 22 IS UR-  
GENTLY REQUESTED.

SINCERELY,

ROBERT G. MORRIS  
UNCLASSIFIED

UNCLASSIFIED

PAGE 04 STATE 181945

ACTING EXECUTIVE SECRETARY

CC: DR. ANISIMOV CHRISTOPHER UNQUOTE CHRISTOPHER

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** AGREEMENTS, PHYSICS, PUBLIC CORRESPONDENCE  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 03-Aug-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01-Jan-1960 12:00:00 am  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE181945  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** ASHELDON:DBU  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770279-0513  
**Format:** TEL  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1977/newtext/t197708100/aaaadhjw.tel  
**Line Count:** 278  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** 12b58c4e-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN OES  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 6  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 STATE 164540  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 05-Nov-2004 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 1401070  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** US-USSR S&T AGREEMENT: PHYSICS (01.08) -- -\PHYSICS (01.08)  
**TAGS:** TGEN, US, UR  
**To:** MOSCOW  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/12b58c4e-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009